



What is Kids in the Creek?

Kids in the Creek is . . .

- a hands-on, feet wet experience for High School students
- it provides an opportunity for students to explore and study aquatic ecosystems
- a student directed program
- a multi-agency/school effort partnership

Learning Stations

- Invert Investigator
- Riparian Rx
- Habitat Sense
- What's in That H₂O?
- Watershed Wonders

INVERT INVESTIGATOR



Students will:

- Identify and analyze functional differences, anatomy, and living requirements of aquatic insects
- Collect samples using nets or picking up rocks
- Use microscopes, hand lenses, or magnification boxes to get a closer look
- Identify and classify aquatic insects using a dichotomous key and record their findings



RIPARIAN RX

Students will:

Investigate the qualities of riparian and upland plant ecosystems by:

- Following a transect for plot comparisons
- Studying adaptations and functions
- Looking for animal signs and use of habitat
- Comparing aspect, soil moisture
- Recording their findings
- Using measuring devices, magnifying lenses, spherical densiometers (measuring canopy)



HABITAT SENSE

Students will:

- Investigate stream features by measuring pools, riffles, glides, substrate type, embeddedness, and cover
- Determine where fish would feed
- Record findings
- Discuss habitat quality

WHAT'S IN THAT H₂O?



Students will:

Measure the rate of flow of Icicle Creek and collect water samples and test levels of:

- Dissolved Oxygen
- pH
- Temperature
- Turbidity





Recreation

Pros

- Provides a healthy outlet for the youth's (adolescent's) energy
- Provides a safe haven for the youth's (adolescent's) emotions, and they can express their feelings in a safe environment
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Cons

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WATERSHED WONDERS

Students present to "County Planning Commissioners"

- Research land use possibilities in the Icicle Creek Watershed
- Become "experts" in agriculture, recreation, urban development, and timber management
- Provide pros, cons, and compromises on uses





"No one can teach anyone anything. One can only enable another to discover it for himself." Carl Rogers